

Title (en)

Unit for feeding a screw extruder with shredded plastic material

Title (de)

Einheit zur Beschickung eines Extruders mit zerkleinertem Kunststoffmaterial

Title (fr)

Dispositif pour alimenter une extrudeuse à vis avec un matériau broué

Publication

EP 0911131 A1 1990428 (EN)

Application

EP 98118329 A 19980928

Priority

IT BO970624 A 19971017

Abstract (en)

A unit for feeding a screw extruder (48) with plastic material comminuted in a comminutor (2), comprising at least one conveyance device (47) interposed between the comminutor (2) and the extruder (48) and adapted to receive the material comminuted by the comminutor (2) and to convey it into the extruder (48). <IMAGE>

IPC 1-7

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IPC 8 full level

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Citation (search report)

- [XY] EP 0321742 A1 19890628 - GELDERLAND PLASTMACHINES [DE]
- [X] DE 3525554 A1 19860206 - PARACON EXTRUDERTECHNIK [AT]
- [X] US 5238633 A 19930824 - JAMESON GARY L [US]
- [Y] DE 2815271 B1 19790906 - PLASTIK MASCHB GMBH & CO KG EN
- [Y] US 5217800 A 19930608 - PENTECOST MARK A J [AT]
- [Y] US 5114331 A 19920519 - UMEHARA TAKESHI [JP], et al
- [Y] SU 1229050 A1 19860507 - NII PRIKLADNOJ MAT MEK PRI TOM [SU]
- [Y] SU 1184692 A1 19851015 - VNII SINT VOLOKNA [SU]
- [Y] US 3552722 A 19710105 - SUTTER FRITZ
- [A] DE 2052031 A1 19711111 - HERFELD KG DR
- [A] WO 8907042 A1 19890810 - EREMA [AT]
- [A] EP 0496080 A2 19920729 - HADLEY PHILLIP ARTHUR [GB]

Cited by

US2014295016A1; EP1036750A1; EP1273412A1; AU2012323809B2; US9289919B2; AT511362A1; AT511362B1; US2014271968A1; AT512147B1; AU2012323811B2; US9216522B2; US10173346B2; US9254603B2; US9221198B2; US9744689B2; US9266272B2; WO2013052982A1; US6379086B1; US9266255B2; US7842221B2; US9296128B2; US9289774B2; US9566720B2; US11931946B2; WO03004236A1; WO2013052980A1

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